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| Substitute for form 1449A/PTO & 1449B/PTO | | Complete if Known | |
| FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small> | | Application Number | Unassigned 10/774662 |
| | | Filing Date | February 10, 2004 |
| | | First Named Inventor | Hiroyuki SUZUKI et al. |
| | | Examiner Name | Unassigned Nathan K Tyler |
| | | Attorney Docket Number | 009683-498 |
| Sheet | 1 | of | 1 |

| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|-----------------|----------------------|---|-------------------------------------|
| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
| NT | 2002/0075527 | | Ito | 06-20-2002 |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------|----------------------|---------|----------------------------------|-------------|----|
| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | Translation | |
| | | | | | Yes | No |
| NT | *2002-185704 | | Japan | 06-28-2002 | Abst | |
| NT | *2002-185720 | | Japan | 06-28-2002 | Abst | |
| NT | *2002-271631 | | Japan | 09-20-2002 | Abst | |
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| NON-PATENT LITERATURE DOCUMENTS | |
|---------------------------------|---|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
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* Also discussed in specification.

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| Examiner Signature | /Nathan Tyler/ | Date Considered | 01/31/2007 |
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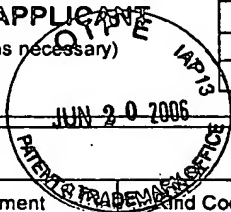
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
 (use as many sheets as necessary)

Sheet 1 of 1

| | |
|----------------------|------------------------|
| Application Number | 10/774,662 |
| Filing Date | February 10, 2004 |
| First Named Inventor | Hiroyuki Suzuki et al. |
| Examiner Name | Nathan K Tyler |
| Attorney Docket No. | 1009683-000498 |



| U.S. PATENT DOCUMENTS | | | | |
|-----------------------|-----------------|----------------------|---|-------------------------------------|
| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | | |
|--------------------------|--------------------|-------------------------|---------|--|-------------|------------------------|-----------------------|------------------|------|----------|
| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | STATUS | | | | | |
| | | | | | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract |
| NT | * 2003-008846 | A | Japan | 01-10-2003 | | | | | | |
| NT | * 2001-238053 | A | Japan | 08-31-2001 | | | | | | |
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| NON-PATENT LITERATURE DOCUMENTS | |
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| NT | * Copy of the Japanese Office Action also a copy in English translation issued on May 1, 2006 |
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* Copy Attached

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|--------------------|----------------|-----------------|------------|
| Examiner Signature | /Nathan Tyler/ | Date Considered | 01/31/2007 |
|--------------------|----------------|-----------------|------------|

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